

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A NATIONAL STAGE FILING UNDER 35 U.S.C. § 371		ATTORNEYS DOCKET NUMBER 23-65037-09 <small>U.S. APPLICATION NO. (If known, see 37 C.F.R. § 1.5)</small> 10/581281
INTERNATIONAL APPLICATION NO. PCT/US2004/040460	INTERNATIONAL FILING DATE December 2, 2004	PRIORITY DATE CLAIMED December 2, 2003
TITLE OF INVENTION THERMOELECTRIC DEVICES AND APPLICATIONS FOR THE SAME		
APPLICANT(S) FOR DO/EO/US Larry C. Olsen, John G. DeSteese, Peter M. Martin, John W. Johnston and Timothy J. Peters		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. § 371(b) and PCT Articles 22 and 39(1). Items 5, 6, 9 and 21 indicated below are submitted to make this express request. 4. <input type="checkbox"/> The United States has been elected in a Demand for International Preliminary Examination (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English-language translation of the International Application (35 U.S.C. § 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau to the United States Receiving Office). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English-language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. § 371(c)(4)). 10. <input type="checkbox"/> An English-language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98, PTO Form 1449 and copies of non-US patent references.. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 and the Recordal fee of \$40.00 are included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. §§ 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. § 154(d)(4). 19. <input type="checkbox"/> A second copy of the English-language translation of the international application under 35 U.S.C. § 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Abstract on a separate page. <input checked="" type="checkbox"/> Written Opinion. <input type="checkbox"/> Preliminary Examination Report. <input checked="" type="checkbox"/> International Search Report. <input type="checkbox"/> Copies of References Cited. 		

JAP20 Rec'd PCT/PTO 31 MAY 2006**10/581281**

U.S. APPLICATION NO. (if known) sec. 37 C.F.R. § 1.57	INTERNATIONAL APPLICATION NO. PCT/US2004/040460			ATTORNEY'S DOCKET NUMBER 23-65037-09																				
<p>The following fees are submitted:</p> <p>21. <input checked="" type="checkbox"/> Basic national fee (37 C.F.R. 1.492(a))..... \$300</p> <p>22. <input checked="" type="checkbox"/> Examination fee (37 C.F.R. 1.492 (c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations \$200</p> <p>23. <input checked="" type="checkbox"/> Search fee (37 C.F.R. 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Articles 33(1)-(4)..... \$0 Search fee (37 C.F.R. 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500</p>																								
TOTAL OF 21, 22, and 23 = \$ 900.00																								
<p><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to a whole number)</th> <th>RATE</th> <th></th> </tr> </thead> <tbody> <tr> <td>70 - 100</td> <td>0 / 50 =</td> <td>0</td> <td>x \$250</td> <td>\$ 0.00</td> </tr> </tbody> </table>					Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		70 - 100	0 / 50 =	0	x \$250	\$ 0.00										
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70 - 100	0 / 50 =	0	x \$250	\$ 0.00																				
<p>Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(e)).</p>																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>30 - 20 =</td> <td>10</td> <td>x \$50.00</td> <td>\$ 500.00</td> </tr> <tr> <td>Independent Claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$200.00</td> <td>\$ 0.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> <td>\$</td> </tr> </tbody> </table>					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	30 - 20 =	10	x \$50.00	\$ 500.00	Independent Claims	2 - 3 =	0	x \$200.00	\$ 0.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$
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TOTAL OF ABOVE CALCULATIONS = \$ 1,400.00																								
<p><input checked="" type="checkbox"/> Small entity status is claimed for this application. Fees above are reduced by $\frac{1}{2}$.</p>																								
SUBTOTAL = \$ 700.00																								
<p>Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. §§ 1.492(f)).</p>																								
TOTAL NATIONAL FEE = \$ 700.00																								
<p>Fee for recording the enclosed assignment (37 C.F.R. § 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.</p>																								
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Amount to be refunded</td> <td style="width: 30%; text-align: right;">\$</td> </tr> <tr> <td>Amount to be charged</td> <td style="text-align: right;">\$</td> </tr> </table>					Amount to be refunded	\$	Amount to be charged	\$																
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<p>a. <input checked="" type="checkbox"/> A check in the amount of <u>\$ 700.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. <u>02-4550</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Please return the enclosed postcard to confirm that the items listed above have been received.</p>																								
<p>NOTE: Where an appropriate time limit under 37 C.F.R. § 1.494 or § 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																								
<p>SEND ALL CORRESPONDENCE TO THE ADDRESS ASSOCIATED WITH CUSTOMER NUMBER 32215</p>																								
<p>KLARQUIST SPARKMAN, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, OR 97204-2988</p>																								
<p> SIGNATURE</p>																								
<p>Wayne W. Rupert NAME</p>																								
<p>34,420 REGISTRATION NUMBER</p>																								